

AMENDMENTS TO THE CLAIMS

Claims 1 - 19 (Cancelled).

20. (New) A vehicular screen antenna comprising a dielectric sheet and a conductor extending on the sheet, a portion of the conductor being generally configured as a rectilinear loop with edges extending generally parallel to the edges of the sheet, the sheet being adapted to be fitted to a vehicle so as to extend generally vertically, the conductor also having a loop-entry segment and a loop-exit segment extending proximate each other on the sheet and being oriented on the sheet such that, after fitting of the sheet to the vehicle, the segments extend generally vertically and have first ends connected to proximate spaced positions on the loop and second ends positioned proximate a first edge of the sheet, the second end of the loop-entry segment being connectable to a signal feedline and the second end of the loop-exit segment being connectable to ground through reactive coupling;

wherein the loop and segments are relatively sized such that, during operation of the antenna, a horizontally-polarized component of a linearly-polarized signal on the antenna has a magnitude at least approximating that of a vertically-polarized component of the signal.

21. (New) The screen antenna of claim 20, wherein the conductor further comprises a stub segment connected to the second end of the loop-exit segment, the stub segment extending generally parallel to the first edge of the sheet for capacitive coupling to vehicle ground after fitting of the sheet to the vehicle.

22. (New) The screen antenna of claim 20, wherein the second end of the loop-exit segment is adapted to connect, after fitting of the sheet to the vehicle, to one end of resonator circuitry the other end of which is connectable to vehicle ground.

23. (New) The screen antenna of claim 20, wherein the second end of the loop-exit segment is alternatively connectable, by means of a switch, to the second end of the loop-entry segment.

24. (New) The screen antenna of claim 21, wherein the second end of the loop-exit segment is alternatively connectable, by means of a switch, to the second end of the loop-entry segment.

25. (New) The screen antenna of claim 22, wherein the second end of the loop-exit segment is alternatively connectable, by means of a switch, to the second end of the loop-entry segment.

26. (New) The screen antenna of claim 20, wherein the first ends of the loop-entry and loop-exit segments are connected to the loop proximate a corner of the loop.

27. (New) The screen antenna of claim 21, wherein the first ends of the loop-entry and loop-exit segments are connected to the loop proximate a corner of the loop.

28. (New) The screen antenna of claim 22, wherein the first ends of the loop-entry and loop-exit segments are connected to the loop proximate a corner of the loop.

29. (New) The screen antenna of claim 21, wherein the stub segment extends on the sheet such that, after fitting of the sheet to the vehicle, the stub segment is separated by less than approximately 5mm from a vehicle ground surface proximate the first edge of the sheet.

30. (New) The screen antenna of claim 29, wherein the length of the stub segment and its separation distance from the vehicle ground surface are selected such that the stub segment is able to receive low-frequency broadcast signals.

31. (New) The screen antenna of claim 22, wherein the resonator circuitry is a discrete electronic circuit comprising an inductor means connected in series with a capacitor means.

32. (New) The screen antenna of claim 31, wherein the resonator circuitry also includes a tuning means.

33. (New) The screen antenna of claim 20, wherein the loop is generally configured as a rectangle having its longer sides extending generally horizontally when the sheet is fitted to the vehicle.

34. (New) The screen antenna of claim 33, wherein one of the shorter sides of the loop is connected to, and is in-line with, the loop-entry segment.

35. (New) The screen antenna of claim 20, wherein, when the sheet is fitted to the vehicle, the edges of the loop extend at between approximately 50mm and approximately 100mm from edges of the sheet.

36. (New) The screen antenna of claim 20, wherein the loop is positioned generally centrally on the sheet.

37. (New) The screen antenna of claim 20, wherein the sheet is a rear window or rear quarter window of a station-wagon type of vehicle.

38. (New) The screen antenna of claim 37, wherein the screen antenna is adapted to be fitted to a vehicle in which the signal feedline is positioned on the body of the vehicle so as to be below a body aperture adapted to receive the respective rear window or rear quarter window and so as to be proximate a corner of the vehicle body.